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NORTH AMERICAN DRÄGER

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TECHNICAL SERVICE BULLETIN #131

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TO: All Qualified Service Organizations

FROM: D. D. Catto

SUBJ: **Policy Statement regarding O2 sensor capsules, one year warranty period for the O2 sensor capsule (P/N 6803290) and removal of the O2 sensor housing cap.**

1. Please refer to the attached Policy Statement regarding the use of third party O2 sensor capsules on North American Dräger anesthesia machines.

2. The warranty period for the NAD O2 sensor capsule P/N 6803290 is extended to a period of one year. Any failure of NAD O2 sensor capsules that occur within one year of delivery is subject to warranty replacement. Please contact your CSR to arrange for an RGA for any warranty return.

3. Investigation into storing the O2 sensor housings when the anesthesia machine is not in use has resulted into the removal of the cap from the O2 sensor housing. Previously the recommendation was to remove the sensor housing from the absorber and then cap the sensor housing. The recommendation is now to remove the sensor housing from the absorber and leave the housing exposed to room air. Exposing a capsule to room air (21% O2) will maximize its performance. There is no significant loss of sensor life associated with this procedure.

New sensor housing assemblies (P/N 4106363) will not have the cap as part of the assembly. Remove the caps, with the owner's permission, from existing housings at the next machine service. Place a new "O2 sensor" label (P/N 4113371) onto the sensor housing. There are two methods of attachment to the housing. One is to have a screw secure the chain to the side of the sensor housing. The other is to have the chain set

into the body of the sensor housing. To follow are steps for removal of the cap for each instance.

CHAIN SECURED TO THE SIDE OF THE SENSOR HOUSING

1. Remove the "Oxygen Sensor" label.
2. Replace with label P/N 4113371
3. Remove screw from side of O2 sensor housing and remove chain and cap.

CHAIN SET INTO O2 SENSOR HOUSING BODY

1. Remove the "Oxygen Sensor" label.
2. Push chain assembly through housing body that the coupling is exposed.
3. Remove coupling and remove chain and cap.
4. Replace label with label P/N 4113371.

Please contact Technical Support at 800-543-5047 with any questions.

NAD POLICY STATEMENT
OXYGEN SENSOR CAPSULES

North American Dräger, hereinafter referred to as NAD, is issuing this policy statement in an effort to clarify its position in the presence of what appears to be an uncontrolled and widespread distribution of oxygen sensor capsules for use with NAD Anesthesia machines.

1. **WARNING**: NAD anesthesia machines include explicit labeling dealing with a safety feature to detect a malfunctioning oxygen sensor capsule. At this time, the only oxygen sensor capsules that are guaranteed by NAD to be compatible with its equipment are the dual cell capsules that are tested and supplied with NAD anesthesia machines. Use of any other third party oxygen sensor capsules with any NAD anesthesia machine may defeat the built-in safety feature and result in a violation of the product labeling. This is especially true concerning the use of single cell technology capsules.

2. In addition to the violation of the product labeling, use of other oxygen sensor capsules that may defeat the aforesaid safety feature presents a safety hazard. NAD will not be responsible, and disclaims any and all liability, for injury or damages resulting from, or in any way caused by or contributed to by the use of oxygen sensor capsules not in compliance with this statement.

Please contact NAD Technical Support at 1-800-543-5047 if further information is required concerning the technical aspects of these capsules. Legal issues should be addressed to the NAD Legal Affairs Department.